

CLAIMS

1. A device (1) for compensating for pressure drop
5 in a product pipe (7) through which a liquid flows, comprising a collapsible tube portion (2) which is connectable to said product pipe (7),
characterised by
a limiting means (3),
10 which is adapted to counteract stretching of the tube portion (2) in the circumferential direction and
which is adapted to allow free collapsing of the tube portion (2).
- 15 2. A device as claimed in claim 1, wherein the limiting means (3) is integrated into a tube wall (14) of the tube portion (2).
- 20 3. A device as claimed in claim 2, wherein the limiting means (3) comprises a reinforcement (13) integrated into said tube wall (14).
- 25 4. A device as claimed in claim 1, wherein the limiting means (3) is arranged outside the tube portion (2).
- 30 5. A device as claimed in any one of the preceding claims, wherein the limiting means (3) is inelastic in the circumferential direction.
- 35 6. A device as claimed in any one of the preceding claims, wherein the limiting means (3) has such a tensile strength as to prevent stretching of the tube portion (2) in the circumferential direction at a pressure above atmospheric prevailing in the same in the range of 1-10 bar.

7. A device as claimed in any one of the preceding claims, in which the limiting means (3) is flexible.

8. A device as claimed in any one of the preceding 5 claims, further comprising a casing (4), in which said tube portion (2) and said limiting means (3) are arranged, pressure means (15) being arranged to apply a pressure prevailing in the casing (4), which is slightly below a normal pressure prevailing in the tube portion 10 (2) in operation.

9. A device as claimed in claim 8, wherein the pressure means (15) is a compressed air means (15).

15 10. A device as claimed in any one of the preceding claims, wherein the tube portion (2) is flexible and stretchable.

11. A system (19) for filling containers (10) with 20 liquid contents, comprising a product pipe (7) which leads to at least one filling station (8) with at least one filling valve (9),

characterised by
a device (1) as claimed in any one of claims 1-10,
25 which is positioned upstream of said at least one filling station (8) and connected to said product pipe (7), for compensating for pressure drop in the product pipe (7).

12. A system as claimed in claim 11, wherein the 30 tube portion (2) is essentially linearly extended and arranged at an angle to the horizontal plane.

13. A system as claimed in claim 12, wherein said angle is in the range 5-90°, more preferably in the range 35 10-45°, and most preferably in the range 25-35°.